

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: June 23, 2003, 08:34:06 ; Search time 32.1487 Seconds  
(without alignments)  
168.399 Million cell updates/sec

Title: US-10-077-137-1

Perfect score: 964  
Sequence: 1 MLOWAGOCSONEYFDLILHA.....CKSLPALSAIEIKSISAR 184

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents AA:\*  
1: /cgn2\_6/prodata/1/1aa/5A\_COMB.pep:\*  
2: /cgn2\_6/prodata/1/1aa/5B\_COMB.pep:\*  
3: /cgn2\_6/prodata/1/1aa/6A\_COMB.pep:\*  
4: /cgn2\_6/prodata/1/1aa/6B\_COMB.pep:\*  
5: /cgn2\_6/prodata/1/1aa/PCTUS\_COMB.pep:\*  
6: /cgn2\_6/prodata/1/1aa/backfill1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	79.5	8.2	1009	2	US-08-357-642A-1
2	79.5	8.2	1009	2	US-08-460-626-1
3	78.5	8.1	293	2	US-08-810-572A-2
4	78.5	8.1	293	4	US-09-290-333-2
5	76	7.9	744	1	US-08-179-481-2
6	75	7.8	857	1	US-07-717-331F-2
7	70.5	7.3	154	4	US-09-232-160-18
8	69.5	7.2	166	4	US-08-810-572A-6
9	69.5	7.2	166	4	US-09-290-333-6
10	69.5	7.2	1180	4	US-08-660-148-2
11	69.5	7.2	1212	4	US-08-660-148-2
12	69.5	7.2	1706	2	US-08-459-568-2
13	69.5	7.2	1706	2	US-08-459-411-2
14	69.5	7.2	1706	3	US-08-516-859A-2
15	69.5	7.2	1706	4	US-09-586-472-2
16	69.5	7.2	1706	4	US-09-528-706-2
17	69.5	7.2	2496	4	US-09-125-028-2
18	69.5	7.2	2958	4	US-08-894-344C-2
19	69	7.2	324	2	US-08-579-940-7
20	69	7.2	324	2	US-08-579-940-7
21	69	7.2	447	6	5455030-1
22	69	7.2	447	6	5455030-1
23	69	7.2	599	1	US-08-353-400-36
24	69	7.2	599	3	US-08-442-542-18
25	68.5	7.1	295	3	US-08-765-469-18
26	68.5	7.1	295	3	US-08-651-136C-8
27	68.5	7.1	877	4	US-09-229-911A-8
					Sequence 12, Appl

28	68.5	7.1	877	1	US-08-486-270-12	Sequence 12, Appl
29	68.5	7.1	877	3	US-08-367-264-12	Sequence 12, Appl
30	68.5	7.1	877	4	US-09-153-757-12	Sequence 12, Appl
31	68.5	7.1	1180	1	US-08-072-574-8	Sequence 8, Appl
32	68.5	7.1	1180	1	US-08-486-270-8	Sequence 8, Appl
33	68.5	7.1	1180	3	US-08-367-264-8	Sequence 8, Appl
34	68.5	7.1	1180	4	US-09-153-757-8	Sequence 8, Appl
35	68.5	7.1	1212	1	US-08-072-574-10	Sequence 10, Appl
36	68.5	7.1	1212	1	US-08-486-270-10	Sequence 10, Appl
37	68.5	7.1	1212	3	US-08-367-264-10	Sequence 10, Appl
38	68.5	7.1	1212	4	US-09-153-757-10	Sequence 10, Appl
39	68	7.1	317	2	US-08-466-337A-18	Sequence 18, Appl
40	68	7.1	317	2	US-08-475-359-18	Sequence 18, Appl
41	68	7.1	317	3	US-08-465-887A-18	Sequence 18, Appl
42	67.5	7.0	178	1	US-08-825-891-1	Sequence 1, Appl
43	67.5	7.0	799	1	US-08-188-228-42	Sequence 42, Appl
44	67.5	7.0	799	1	US-08-332-638-42	Sequence 42, Appl
45	67	7.0	182	3	US-09-045-632-29	Sequence 29, Appl

#### ALIGNMENTS

RESULT 1  
US-08-357-642A-1  
; Sequence 1, Application US/08357642A  
; Patent No. 5837524  
; GENERAL INFORMATION:  
; APPLICANT: Sima Lev  
; TITLE OF INVENTION: PYR2 RELATED PRODUCTS  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/357,642A  
; FILING DATE: December 15, 1994  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,927  
; TELEPHONE/DOCKET NUMBER: 209/070  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1009  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
; US-08-357-642A-1.  
Query Match 8.2% ; Score 79.5; DB 2; Length 1009;  
Best Local Similarity 32.1% ; Pred. No. 2.5;

Matches 25; Conservative 9; Mismatches 29; Indels 15; Gaps 3;

QY 88 EFQNTSGILGMNIDLEKSR-----TGDEILPRGLXTVECTCEDCIKSKPKY 138  
DB 249 KEFNT---LAGFANIDETRCCLIGCMNITVDLVIGPKGIROLTSQDAKPTCLAEFKQI 305

QY 139 DSDHCFPLPAMEGATIL 156  
DB 306 RSIRCLPL---EEGQAVL 320

## RESULT 2

US-08-460-626-1

; Sequence 1, Application US/08460626

; Patent No. 5837815

; GENERAL INFORMATION:

; APPLICANT: SIMA LEV

; APPLICANT: JOSEPH SCHLESINGER

; TITLE OF INVENTION: PYK-2 RELATED PRODUCTS AND

; NUMBER OF SEQUENCES: 25

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 MB

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/460,626

; FILING DATE: June 2, 1995

; CLASSIFICATION: 435

; PRIORITY APPLICATION DATA:

; APPLICATION NUMBER: 08/357,642

; FILING DATE: December 15, 1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 211/121

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; INFORMATION FOR SEQ ID NO: 1:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 1009

; TYPE: amino acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: peptide

; US-08-460-626-1

Query Match 8.2%; Score 79.5; DB 2; Length 1009;  
Best Local Similarity 32.1%; Pred. No. 2.5;  
Matches 25; Conservative 9; Mismatches 29; Indels 15; Gaps 3;

QY 88 EFQNTSGILGMNIDLEKSR-----TGDEILPRGLXTVECTCEDCIKSKPKY 138  
DB 249 KEFNT---LAGFANIDETRCCLIGCMNITVDLVIGPKGIROLTSQDAKPTCLAEFKQI 305

QY 139 DSDHCFPLPAMEGATIL 156  
DB 306 RSIRCLPL---EEGQAVL 320

## RESULT 3

US-08-810-572A-2

; Sequence 2, Application US/08810572A

; Patent No. 5969102

; GENERAL INFORMATION:

; APPLICANT: Bram, Richard J.

; APPLICANT: von Bulow, Gotz

; TITLE OF INVENTION: A LYMPHOCYTE SURFACE RECEPTOR THAT BINDS

; TITLE OF INVENTION: CAML, NUCLEIC ACIDS ENCODING THE SAME AND METHODS OF USE

; NUMBER OF SEQUENCES: 11

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: David A. Jackson, Esq.

; STREET: 411 Hackensack Ave, Continental Plaza, 4th

; CITY: Floor

; STATE: New Jersey

; COUNTRY: USA

; ZIP: 07601

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/810,572A

; FILING DATE: 28-FEB-1997

; CLASSIFICATION: 536

; ATTORNEY/AGENT INFORMATION:

; NAME: Jackson Esq., David A.

; REGISTRATION NUMBER: 26,742

; REFERENCE/DOCKET NUMBER: 1340-1-007

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 201-487-5800

; TELEFAX: 201-343-1684

; INFORMATION FOR SEQ ID NO: 2:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 293 amino acids

; TYPE: amino acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: protein

; HYPOTHETICAL: NO

; FRAGMENT TYPE: N-terminal

; ORIGINAL SOURCE:

; ORGANISM: Homo sapiens

; US-08-810-572A-2

Query Match 8.1%; Score 78.5; DB 2; Length 293;  
Best Local Similarity 19.9%; Pred. No. 0.56;  
Matches 41; Conservative 35; Mismatches 73; Indels 57; Gaps 10;

QY 8 CSQNEYPSLSHACIPQOLRGSSNTPPLTCORYCNASTNSVKGK--NAIIMTCIGLSLI 65  
DB 34 CPEEQYMPDLGTCWSCCKTCNHS-QRTCAFCRSLSCKRQGFYDHLRDCISCASI 92  
QY 66 I-----SLAVFTVMP-----LRKISSEPLDEFPKNTGSLGMNIDLEKSR----- 107  
DB 93 CGQHKQCAVPCENKLRSPVULPPELRORRGGEVENSNDNGR--YQLEHSGSESPALP 151  
QY 108 ---RTGDEILPRG-----LEYVECTCEDCIKSKP-----FVD 139  
DB 152 GIKLSADQVALVYSTGLCLCAVLCCFLVAVACFLKKRGDSCQCP--RSRPQSPAKS 209  
QY 140 SDHCFPLPAMEGATILVTTKINDYC 165  
DB 210 QDH-----AMENGSPVSTSPPEVETC 230

## RESULT 4

US-09-290-333-2

; Sequence 2, Application US/09290333

; Patent No. 6316222

; GENERAL INFORMATION:

```

      APPLICANT: Bram, Richard J.
      TITLE OF INVENTION: A LYMPHOCYTE SURFACE RECEPTOR THAT BINDS
      CAML, NUCLEIC ACIDS ENCODING THE SAME AND METHODS OF USE
      THEREOF
      NUMBER OF SEQUENCES: 11
      CORRESPONDENCE ADDRESS:
      ADDRESSEE: David A. Jackson, Esq.
      STREET: 411 Hackensack Ave, Continental Plaza, 4th
      Floor
      CITY: Hackensack
      STATE: New Jersey
      COUNTRY: USA
      ZIP: 07601
      COMPUTER READABLE FORM:
      MEDIUM TYPE: Floppy disk
      COMPUTER: IBM PC compatible
      OPERATING SYSTEM: PC-DOS/MS-DOS
      SOFTWARE: Patent In Release #1.0, Version #1.30
      CURRENT APPLICATION DATA:
      APPLICATION NUMBER: US/09/290,333
      FILING DATE: 12-Apr-1999
      CLASSIFICATION: <Unknown>
      ATTORNEY/AGENT INFORMATION:
      NAME: Jackson Esq., David A.
      REGISTRATION NUMBER: 26,742
      REFERENCE/DOCKET NUMBER: 1340-1-007 PCT
      TELECOMMUNICATION INFORMATION:
      TELEPHONE: 201-487-5800
      TELEFAX: 201-343-1684
      INFORMATION FOR SEQ ID NO: 2:
      SEQUENCE CHARACTERISTICS:
      LENGTH: 293 amino acids
      TYPE: amino acid
      STRANDEDNESS: single
      TOPOLOGY: linear
      MOLECULAR TYPE: protein
      HYPOTHEetical: NO
      FRAGMENT TYPE: N-terminal
      ORIGINAL SOURCE:
      ORGANISM: Homo sapiens
      SEQUENCE DESCRIPTION: SEQ ID NO: 2:
      US-09-290-333-2

      Query Match      8.1%; Score 78.5; DB 4; Length 293;
      Best Local Similarity 19.9%; Pred. No. 0.56;
      Matches 41; Conservative 35; Mismatches 73; Indels 57; Gaps 10;

      8 CSQNEYRDSLHACIFPOLRCSSNTPTLCORYCNASVTVSKGT--NALLMTGLGLSLI 65
      :|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|
      34 CPEQYWDPLGLGTMSCKTICNHQS-ORTCAAFCRSLSCRKEQKCFYDHLRLDISCAST 92
      :|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|

      66 I-----SLAVFLVLFEL-----LKRISSEPLKDEPKNTGSGLLGMANIDLEKS---- 107
      :|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|

      93 CGQHPKQCAFYCEKNKLSPVNLPPELKRQSGEVENNSDNGR-YQGLEHSGSEASPALP 151
      :|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|

      108 ---RTGDEILLPRG-----LEYVEECTCEDCIKSP-----KVD 139
      :|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|

      152 GLKLSADQVNLVYSTLGICLCAYLCFLVAVNACFLKKRGPDCSCQ--RRPRGSPAKSS 209
      :|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|

      140 SDHCFPLPAMEEGATILVTTKTNDYC 165
      :|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|

      210 QDH-----AMEAGSPVSTSPPEVETC 230
      :|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|:|

      RESULT 5
      US-08-179-481-2
      ; Sequence 2, Application US/08179481
      ; Patent No. 5624816
      ; GENERAL INFORMATION:
      ; APPLICANT: CARRAMAY, KERMIT L.
      ; APPLICANT: CAROTHERS CARRAMAY, CORALIE A.
      ; APPLICANT: FREGIEN, NEVIS L.
  
```

[illegible]

COMPUTER: Macintosh  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Microsoft Word  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/717,331F  
FILING DATE: June 19th 1991  
CLASSIFICATION: 800  
ATTORNEY/AGENT INFORMATION:  
NAME: George M. Yahwak  
REGISTRATION NUMBER: 26,824  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (203)268-1951  
TELEFAX: (203)268-1951  
INFORMATION FOR SEQ. ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 857 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
S-07-717-331F-2

Query Match 7.8%; Score 75; DB 1; Length 857;  
Best Local Similarity 17.6%; Pred. No. 6.6;  
Matches 33; Conservative 30; Mismatches 50; Indels 74; Gaps 7;

QY 24 COLRGSSNTPPLTCORYCNASVTNSVKTNAIILMT-----58  
DB 380 CKRCICISD---CNCCTAPNADIRNG--GSCCVITRELEDIRNYATDAIDGOLYVRLAA 434  
QY 59 -----CLGLSLIISLAVFYLMFLRKISSEPLKDEFKNTGSGLLGNANIDLEK 106  
DB 435 ADIAKKRNASGKISILTVGSVLLILMFCL-----WKRQKRAKASISIANQRNQ 487  
QY 107 SRGTDEIILPRGLETVVECTCDCKSKPKVSDHCF-----PLAMERGAILVTTTK 161  
DB 488 NLEPMNEMVL-----SSKREFSGEYKFEELPLEME---TVVATEN 527  
QY 162 NDYCKSL 168  
DB 528 FSSCNTL 534

RESULT 7  
US-09-232-160-18  
Sequence 18; Application US/09232160  
Patent No. 6368794  
GENERAL INFORMATION:  
APPLICANT: Steve Daniel  
APPLICANT: James Gilmore  
APPLICANT: Susan G. Stuart  
APPLICANT: Laura Stuve  
TITLE OF INVENTION: DETECTION OF ALTERED EXPRESSION OF GENES REGULATING CELL  
PROLIFERATION  
FILE REFERENCE: PA-0003 US  
CURRENT APPLICATION NUMBER: US/09/232,160  
CURRENT FILING DATE: 1999-01-15  
NUMBER OF SEQ. ID NOS: 23  
SOFTWARE: PERL Program  
SEQ. ID NO 18  
LENGTH: 154  
TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE: -  
OTHER INFORMATION: 1299627  
US-09-232-160-18

Query Match 7.3%; Score 70.5; DB 4; Length 154;  
Best Local Similarity 25.2%; Pred. No. 1.9;  
Matches 30; Conservative 16; Mismatches 52; Indels 21; Gaps 6;  
QY 13<sup>1</sup>XPFSLSLHAC-IPOQLRGSSNTPPLTCORYCNASVTNSVKTNAIILMTCLG-----LSLIIS 67  
DB 23 YADDCJAQCGCKDCKSYCCDGTTPYCCSY--AYIGILSGT-AIAGIVGIVIMGVING 79

QY 68 LAVFLMFLRKISSEPLKDEFKNTGSGLLGNANIDLEKSRGTDEIILPRGLETVVEEC 126  
DB 80 IAIICMCM-----KHNRATRVGLIRTHINTVSSYGPPE---PYGHDHMEYC 125

RESULT 8  
US-08-810-572A-6  
Sequence 6; Application US/08810572A  
Patent No. 5969102  
GENERAL INFORMATION:  
APPLICANT: Bram, Richard J.  
APPLICANT: von Bulow, Gotz  
TITLE OF INVENTION: A LYMPHOCYTE SURFACE RECEPTOR THAT BINDS  
TITLE OF INVENTION: CAML, NUCLEIC ACIDS ENCODING THE SAME AND METHODS OF USE  
TITLE OF INVENTION: THEREOF  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: David A. Jackson, Esq.  
STREET: 411 Hackensack Ave, Continental Plaza, 4th  
FLOOR  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/810,572A  
FILING DATE: 28-FEB-1997  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 1340-1-007  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201-487-5800  
TELEFAX: 201-343-1684  
INFORMATION FOR SEQ. ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 166 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
HYPOTHETICAL: NO  
FRAGMENT TYPE: N-terminal  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
US-08-810-572A-6

Query Match 7.2%; Score 69.5; DB 2; Length 166;  
Best Local Similarity 25.0%; Pred. No. 2.8;  
Matches 15; Conservative 14; Mismatches 28; Indels 3; Gaps 2;

QY 8 GSONEYFSLHACIPQQLRGSSNTPPLTCORYCNASVTNSVKT--NAIILMTCLGLSLI 65  
DB 34 CPEQYWPDLGTGCMCKTICNHS-ORTCAFCRSLSCRKQGFYDHLRLDCLSCASI 92

RESULT 9  
US-09-290-333-6  
Sequence 6; Application US/09290333  
Patent No. 6316222  
GENERAL INFORMATION:  
APPLICANT: Bram, Richard J.  
APPLICANT: von Bulow, Gotz  
TITLE OF INVENTION: A LYMPHOCYTE SURFACE RECEPTOR THAT BINDS  
CAML, NUCLEIC ACIDS ENCODING THE SAME AND METHODS OF USE  
THEREOF





Db 627 -----NCSEKRRRTASPPVLPKIKTETESDSTAPSCSLPLSISTAEVVSFH----- 674  
QY 148 AMEGATILVTKTNDYCK-----SLPALSAATEIEK 179  
Db 675 -KEKG--VYLSSKQLQLOTQDKLTLPAGFSAAEIPK 708

RESULT 14  
US-08-516-859A-2  
; Sequence 2, Application US/08516859A  
; Patent No. 6069231

GENERAL INFORMATION:  
; APPLICANT: Huang, Shi  
; TITLE OF INVENTION: Retinoblastoma Protein - Interacting  
; TITLE OF INVENTION: Zinc Finger Proteins  
; NUMBER OF SEQUENCES: 106  
; CORRESPONDENCE ADDRESS:  
; ADDRESSES: Campbell & Flores LLP  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: USA

ZIP: 92122  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/516,859A  
; FILING DATE: 18-AUG-1995  
; CLASSIFICATION: 514

; APPLICATION NUMBER: US 08/399,411  
; FILING DATE: 06-MAR-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/292,683  
; FILING DATE: 18-AUG-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Campbell, Cathryn A.  
; REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-LJ 1776  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 535-9001  
; TELEFAX: (619) 535-8949  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1706 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-516-859A-2

Query Match 7.2%; Score 69.5; DB 3; Length 1706;  
Best Local Similarity 21.7%; Pred. No. 77;  
Matches 34; Conservative 22; Mismatches 44; Indels 57; Gaps 7;

QY 34 PLTCORYCNASTYNSKGNALIMTCLGLIISLAVFLMLRKISSEPLKDEPKXTG 93  
Db 598 PVTVE-----ITONIKSTOV-----SVTDLLKDSPPST- 626  
QY 94 SGLLMANIDLEKSRGTDEIILPRGLETVVECTCEDCIKSKP-----KYSDHCFLPL 147  
Db 627 -----NCSEKRRRTASPPVLPKIKTETESDSTAPSCSLPLSISTAEVVSFH----- 674  
QY 148 AMEGATILVTKTNDYCK-----SLPALSAATEIEK 179  
Db 675 -KEKG--VYLSSKQLQLOTQDKLTLPAGFSAAEIPK 708

RESULT 15  
US-09-586-472-2  
; Sequence 2, Application US/09586472

; Patent No. 6323335  
; GENERAL INFORMATION:  
; APPLICANT: Huang, Shi  
; TITLE OF INVENTION: Retinoblastoma Protein - Interacting  
; TITLE OF INVENTION: Zinc Finger Proteins  
; NUMBER OF SEQUENCES: 106  
; CORRESPONDENCE ADDRESS:  
; ADDRESSES: Campbell & Flores LLP  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: USA

ZIP: 92122  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/586,472  
; FILING DATE: 01-Jun-2000  
; CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 09/528,706  
; FILING DATE: 17-MAR-2000  
; APPLICATION NUMBER: US 08/516,859  
; FILING DATE: 18-AUG-1995  
; APPLICATION NUMBER: US 08/399,411  
; FILING DATE: 06-MAR-1995  
; APPLICATION NUMBER: US 08/292,683  
; FILING DATE: 18-AUG-1994  
; ATTORNEY/AGENT INFORMATION:  
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; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1706 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
US-09-586-472-2

Query Match 7.2%; Score 69.5; DB 4; Length 1706;  
Best Local Similarity 21.7%; Pred. No. 77;  
Matches 34; Conservative 22; Mismatches 44; Indels 57; Gaps 7;

QY 34 PLTCORYCNASTYNSKGNALIMTCLGLIISLAVFLMLRKISSEPLKDEPKXTG 93  
Db 598 PVTVE-----ITONIKSTOV-----SVTDLLKDSPPST- 626  
QY 94 SGLLMANIDLEKSRGTDEIILPRGLETVVECTCEDCIKSKP-----KYSDHCFLPL 147  
Db 627 -----NCSEKRRRTASPPVLPKIKTETESDSTAPSCSLPLSISTAEVVSFH----- 674  
QY 148 AMEGATILVTKTNDYCK-----SLPALSAATEIEK 179  
Db 675 -KEKG--VYLSSKQLQLOTQDKLTLPAGFSAAEIPK 708

Search completed: June 23, 2003, 08:41:06  
Job time: 34.1487 secs

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